

Page 1 of 1

All amounts are calculated in domestic currency.

All Vendors PO ID po32907 All Receipt Dates All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Total Received Quantity:	25.0000
Total Qty to Inspect (PO U/M):	0.0000
Total Reject Quantity:	0.0000
Total Receipt Value:	\$855.09
Total Balance Due Quantity:	0.0000

METAUX SOLUTIONS INC
2625 BOUL JACQUES CARTIER EST
LONGUEUIL, QUEBEC
J4N 1L7

Tel.: 450 641-3330

Customer: 6323336

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

Shipping Order

27/07/2016

Order : 117071
Reference : PO 32907
Bid : 18801
Ship : PICK UP / PICK UP

Ship To

Same

Tel.: 1 613 632-3336

Item No.	Description	Qty	Qty. Delivered	B/O Qty
	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N			
	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N			
	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N			
MR384130	4130 N .375 DIAM ams 6348 1 x 12 pieds HT, 183052	✓ 12	12	Ø
MSQ11241CDA	4140 SQU 1.500" COLD ANN 3 X 48" HT, NF14201603	✓ 12	12	Ø
TRAITEMENTTHER	HEAT TREATMENT NORMALIZING FOR 3 PCES OF 48"	✓ 1	1	Ø

88/6-7-28

Shipping : _____
Package No : _____

Ref. : _____

Merchandise Received: _____

MATERIAL RECEIPT INSPECTION FORM

MATERIAL B1.500X1.500
 DATE 16/08/03

PO / BATCH NO 32907/135362

MATERIAL CERT REQD yes
 QUANTITY RECEIVED 12'
 QUANTITY INSPECTED 12'
 QUANTITY REJECTED _____

THICKNESS ORDERED 1.50X1.50
 THICKNESS RECEIVED 1.50X1.50
 SHEET SIZE ORDERED _____
 SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	Y <input checked="" type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	Y <input checked="" type="radio"/> N	
CORRECT MATERIAL	Y <input checked="" type="radio"/> N	
CORRECT THICKNESS	Y <input checked="" type="radio"/> N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT MATERIAL	Y <input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	Y <input checked="" type="radio"/> N	
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="radio"/> N	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY <u>DAS</u>	SIGNED OFF BY _____		
DATE <u>16/08/03</u>	DATE _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

PO / BATCH NO 32907/135362

MATERIAL M4130UR.375
DATE 16/08/03

MATERIAL CERT REC'D YES
QUANTITY RECEIVED 12'
QUANTITY INSPECTED 12'
QUANTITY REJECTED _____

THICKNESS ORDERED R.375
THICKNESS RECEIVED R.375
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y <input type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY <u>DAS</u>	SIGNED OFF BY _____		
DATE <u>16/08/03</u>	DATE _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

METCOR INC.

500 BOUL. ARTHUR-SAUVÉ, ST-EUSTACHE, QC, J7R 5A8

Tél: 450-491-1884

Téléphone / Fax administration: 450-491-3432

Téléphone / Fax production: 450-491-6454

Certificat de Conf Certificate of Comp

BOI DE TRAVAIL order	CHAR
342475	

CLIENT / customer: 750

METAL SOLUTIONS

2625 BOUL. JACQUES-CARTIER EST

LONGUEUIL

QC J4N 1L7

LIVRÉ À / shipped to:

METAL SOLUTIONS

2625 BOUL. JACQUES-CARTIER EST

LONGUEUIL

QC J4N 1L7

COMMANDE DU CLIENT customer order	CLASSIFICATION PIÈCE part classification	MATÉRIEL material	MAÎTRE D'OEUVRE prime contractor	PROGRAM
40504	N/A	4140		
SPECIFICATIONS DU PROCÉDÉ processing specifications				
SEL NORMAL				
EXIGENCE / requirement SPECIFICATIONS / specified TESTS EXÉCUTÉS / performed RÉSULTATS DE TESTS / results				
HARDNESS		0 HRC MAX	3	27 - 29 HRC
QUANTITE quantity	POIDS weight	DESCRIPTION DES PIÈCES parts description		
3	96,7	PIÈCES (3) PIECES		
		1 NIL		

COMMENTAIRES / comments

APPROUVÉ par / Approved by:

DATE: 2016-07-25

Pierre Piché
Chief Inspector



CERTIFICATE OF TEST CERTIFICAT D'ESSAIS

Page 01 of 02

CUSTOMER ORDER NUMBER
NUMÉRO DE COMMANDE DU CLIENT

Certification Date
12-JUL-2016

4097

Invoice Number
T355686

PART NUMBER/NUMÉRO DE PIÈCE

507780

SOLD TO: METAUX SOLUTIONS INC.
VENDU À:

SHIP TO:
EXPÉDIÉ À:

METAUX SOLUTIONS (RIVE-SUD)

2625 BOUL JACQUES CARTIER EST
LONGUEUIL QC J4N 1L7

2625 BOUL JACQUES CARTIER EST
LONGUEUIL QC J4N 1

Description: 4130 CF NORM AQ BAR AMS 6348
3/8 RD X 12" R/L

HEAT: 183052

ITEM: 507780

Line Total: 12 LB

Specifications:

MIL S 6758 B

AMS 6370 N

ASTM A304 11

ASTM A29/A29M 12E1

EN 10204 3.1 04

ASTM E10 15

ASTM E381 06

AMS 2301 K

AMS S 6758 A

ASTM A322 13

ASTM A331 95 00

ASTM A255 10

ASTM E384 99

ASTM E709 14

AMS 6348 C

ASTM A108 13

ASTM A751 14

MIC 2016 12

ASTM E45 METHOD A 13

ASTM E112 13

CHEMICAL ANALYSIS

C	MN	SI	P	S	CR	NI	MO
0.29	0.46	0.25	0.012	0.003	0.85	0.13	0.16

CU	AL
0.16	0.004

DAS
14
9-09

16/08/03

RCPT: R877203

COUNTRY OF ORIGIN : SPAIN

MECHANICAL PROPERTIES

DESCRIPTION	YLD STR	ULT TEN	%ELONG	%RED IN AREA	HARDNESS BHN 219
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The above data were transcribed from the manufacturer's Certificate of Test after verification for completeness and specification requirements of the information on the certificate. All test results remain on file subject to examination. /Les informations ci-haut-mentionnées sont transcrites du certificat d'essais du manufacturier après vérification de l'état complet des spécifications inscrites sur le certificat. We hereby certify that the material covered by this report will meet the applicable requirements described herein, including any specification forming a part of the description. /Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

The willful recording of false, fictitious, or fraudulent statements in connection with test results may be punishable as a felony under federal statutes. /Les informations fausses, fictives ou frauduleuses en rapport avec le résultat des essais sont punissables en vertu des lois fédérales.

Material did not come in contact with mercury while in our possession. /Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

JOANNE DESPRES

Joanne Despres

MANAGER QUALITY ASSURANCE
GÉRANT DE L'ASSURANCE QUALITÉ

CERTIFICATE OF TEST CERTIFICAT D'ESSAIS

Page 02 of 02

CUSTOMER ORDER NUMBER
NUMÉRO DE COMMANDE DU CLIENT

Certification Date
12-JUL-2016

4097
PART NUMBER/NUMÉRO DE PIÈCE
507780

Invoice Number
T355686

SOLD TO: METAUX SOLUTIONS INC. SHIP TO: METAUX SOLUTIONS (RIVE-SUD)
VENDU À: 2625 BOUL JACQUES CARTIER EST EXPÉDIÉ À: 2625 BOUL JACQUES CARTIER EST
LONGUEUIL QC J4N 1L7 LONGUEUIL QC J4N 1

Description: 4130 CF NORM AQ BAR AMS 6348
3/8 RD X 12' R/L
HEAT: 183052
END-QUENCH HARDENABILITY (JOMINY - RC) ITEM: 507780 Line Total: 12 LB

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
51	51	50	49	48	45	43	41	38	37	34	33	33	32	31
16	18	20	22	24	26	28	30	32						
31	31	31	31	30	30	29	28	26						

GRAIN SIZE : 7 -

CLEANLINESS

	A		B		C		D	
	THIN	THICK	THIN	THICK	THIN	THICK	THIN	THICK
	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX
e45	0.5	0.0	1.0	0.0	0.0	0.0	0.5	0.0

STRAND CAST REDUCTION RATIO 305.89999 TO 1 VACUUM DEGASSED
MATERIAL IS FREE FROM MERCURY CONTAMINATION
NO WELD REPAIR PERFORMED ON MATERIAL
DECARB: OK
MACRO: OK
MICRO1: OK
AMS NO : 0000
SEVERITY : 0.1
FREQUENCY: 0.1

DAS
14
9-09 16/08/03

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JOANNE DESPRES

Joanne Despres

MANAGER QUALITY ASSURANCE
GÉRANT DE L'ASSURANCE QUALITÉ

CERTIFICATE OF TEST CERTIFICAT D'ESSAIS

Page 01 of 02

CUSTOMER ORDER NUMBER
NUMÉRO DE COMMANDE DU CLIENT

Certification Date
12-JUL-2016

40497

PART NUMBER/NUMÉRO DE PIÈCE

Invoice Number
T355687

SOLD TO: METAUX SOLUTIONS INC.
VENDU À: 2625 BOUL JACQUES CARTIER EST
LONGUEUIL QC J4N 1L7

SHIP TO:
EXPÉDIÉ À:

METAUX SOLUTIONS (RIVE-SUD)
2625 BOUL JACQUES CARTIER EST
LONGUEUIL QC J4N 1

Description: 4140/4142 CF ANN BAR
1-1/2 SQ X 12" R/L

HEAT: NF14201603

ITEM: 507344

ASTM A108
Line Total: 95.7125 LB

Specifications:
ASTM A108 13

CHEMICAL ANALYSIS

C	MN	P	S	SI	CU	NI	CR
0.41	0.90	0.01	0.02	0.24	0.13	0.06	0.94
MO	V	NB	B	SN	TI	CA	CE
0.17	0.004	0.004	0.0003	0.006	0.001	0.0090	0.836

RCPT: R568122

COUNTRY OF ORIGIN : USA

MECHANICAL PROPERTIES

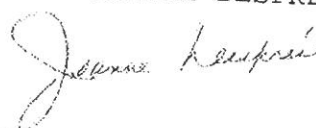
DESCRIPTION	YLD STR PSI	ULT TEN PSI	%ELONG IN 08 IN	%RED IN AREA	HARDNESS BHN
	100000.0	105000.0	17.0	46.0	217

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JOANNE DESPRES



MANAGER QUALITY ASSURANCE
GÉRANT DE L'ASSURANCE QUALITÉ

CERTIFICATE OF TEST CERTIFICAT D'ESSAIS

Page 02 of 02

CUSTOMER ORDER NUMBER
NUMÉRO DE COMMANDE DU CLIENT

Certification Date
12-JUL-2016

40497

Invoice Number
T355687

PART NUMBER/NUMÉRO DE PIÈCE

SOLD TO: METAUX SOLUTIONS INC.
VENDU À:

SHIP TO:
EXPÉDIÉ À:

2625 BOUL JACQUES CARTIER EST
LONGUEUIL QC J4N 1L7

METAUX SOLUTIONS (RIVE-SUD)

2625 BOUL JACQUES CARTIER EST
LONGUEUIL QC J4N 1

Description: 4140/4142 CF ANN BAR
1-1/2 SQ X 12' R/L

HEAT: NF14201603

ITEM: 507344

ASTM A108

Line Total: 95.7125 LB

END-QUENCH HARDENABILITY (JOMINY - RC) IN

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
57	57	57	57	57	56	55	53	52	50	49	47	47	46	44
16	18	20	22	24	26	28	32							
43	42	41	41	40	39	37	35							

IDEAL DIAMETER : 4.95 IN GRAIN SIZE : 5 -

STRAND CAST REDUCTION RATIO 18.0 TO 1
MATERIAL IS FREE FROM MERCURY CONTAMINATION
NO WELD REPAIR PERFORMED ON MATERIAL

COMMENTS

*ASTM A331 WITHDRAWN, REPLACED BY ASTM A108

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Material did not come in contact with mercury while in our possession. /Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

JOANNE DESPRES



MANAGER QUALITY ASSURANCE
GÉRANT DE L'ASSURANCE QUALITÉ



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO32907

Purchase Order Date 7/4/2016

PO Print Date 7/7/2016

Page Number 1 of 2

Order From :
METAUX SOLUTIONS
2625 BOUL JACQUES-CARTIER EST
LONGUEUIL, QC J4N 1L7
CA

VC-MET002

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED
JUL 07 2016

Contact Name
Vendor Phone 800 558 8858
Ship To Contact
Ship To Phone
Ship Via: Journey Freight collect
Ship Acct:

Buyer
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB Destination-Collect

REVISED

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M4130NR0.375	4130 steel RD bar .375"	7/18/2016 Yes 7/18/2016		12.00 f	\$21.67	\$260.04
MATERIAL: AS PER AISI 4130N ROUND BAR PER MIL-S-6758 OR AMS 6348/6370/6528							
Line Total:							\$260.04
2	M4140N-B1.500X1.5000	4140 Steel Bar 1.50 x 1.50	7/18/2016 Yes 7/18/2016		12.00 f	\$70.37	\$844.44
MATERIAL: AS PER AISI 4140N STEEL BAR PER MIL-S-5626 OR AMS 6382/6349/6529							
PURCHASE MATERIAL 4140 SQUARE COLD ANN, MATERIAL WILL BHE HEAT TREAT TO 4140N BY METAUX SOLUTION. NOTE: PRICE OF BAR INCLUDE HEAT TREAT							
Line Total:							\$844.44

Note:

7/7/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO32907**

Purchase Order Date 7/4/2016

PO Print Date 7/7/2016

Page Number 2 of 2

Order From :
METAUX SOLUTIONS
2625 BOUL JACQUES-CARTIER EST
LONGUEUIL, QC J4N 1L7
CA

VC-MET002

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 558 8858

Ship To Contact

Ship To Phone

Ship Via: Journey Freight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

3	71401-45	PROCUREMENT QUALITY CLAUSES	7/18/2016	1.00	✓	\$0.00	\$0.00
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No

Procurement Quality Clauses

7/18/2016

A005 RIGHT OF ENTRY

A012 CHEMICAL AND PHYSICAL TEST REPORTS

A017 RAW MATERIAL IDENTIFICATION (AS
APPLICABLE)

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A040 NOTIFICATION OF QUALITY ESCAPE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENTS

8016-728

Line Total: \$0.00

PO Total: \$1,104.48

W
C2

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 2

Change Date: 7/7/2016